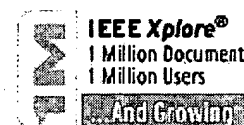


IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.8

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
» [Se](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **5** of **1123491** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Outer joins and filters for instantiating objects from relational data through views

Byung Suk Lee; Wiederhold, G.;

Knowledge and Data Engineering, IEEE Transactions on , Volume: 6 , Issue: 1 , Feb. 1994

Pages:108 - 119

[\[Abstract\]](#) [\[PDF Full-Text \(1056 KB\)\]](#) **IEEE JNL**

2 Mapping methods and query for aggregation and association in object relational database using collection

Pardede, E.; Rahayu, J.W.; Taniar, D.;

Information Technology: Coding and Computing, 2004. Proceedings. ITCC 2004 International Conference on , Volume: 1 , 5-7 April 2004

Pages:539 - 543 Vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(1343 KB\)\]](#) **IEEE CNF**

3 Separating adaptable persistence attributes through computational reflection

Ortin, F.; Lopez, B.; Perez-Schofield, J.B.G.;

Software, IEEE , Volume: 21 , Issue: 6 , Nov.-Dec. 2004

Pages:41 - 49

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) **IEEE JNL**

4 Capturing the objected-oriented database model in relational form

Hsieh, S.-Y.; Chang, C.K.; Mongkolwat, P.; Pilch, W. W., Jr.; Shih, C.-C.;

Computer Software and Applications Conference, 1993. COMPSAC 93.

Proceedings., Seventeenth Annual International , 1-5 Nov. 1993

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.8

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
Quick Links» [Se...](#)**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Your search matched **0** of **1123491** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

(object oriented <near/2> database) <and> (relational

Search☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**Results:****No documents matched your query.**



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☐ The ACM Digital Library ☒ The Guide

THE GUIDE TO COMPUTING LITERATURE


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

mapping object oriented database to relational database and back reference

Found 98,321 of 850,301

Sort results by

Display results


[Save results to a Binder](#)

[Search Tips](#)
☐ Open results in a new window

[Try an Advanced Search](#)
[Try this search in The Digital Library](#)

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐

1 Query evaluation techniques for large databases

Goetz Graefe

June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2Full text available: [pdf\(9.37 MB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Database management systems will continue to manage large data volumes. Thus, efficient algorithms for accessing and manipulating large sets and sequences will be required to provide acceptable performance. The advent of object-oriented and extensible database systems will not solve this problem. On the contrary, modern data models exacerbate the problem: In order to manipulate large sets of complex objects as efficiently as today's database systems manipulate simple records, query-processi ...

Keywords: complex query evaluation plans, dynamic query evaluation plans, extensible database systems, iterators, object-oriented database systems, operator model of parallelization, parallel algorithms, relational database systems, set-matching algorithms, sort-hash duality

2 Semantic database modeling: survey, applications, and research issues

Richard Hull, Roger King

September 1987 **ACM Computing Surveys (CSUR)**, Volume 19 Issue 3Full text available: [pdf\(5.42 MB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Most common database management systems represent information in a simple record-based format. Semantic modeling provides richer data structuring capabilities for database applications. In particular, research in this area has articulated a number of constructs that provide mechanisms for representing structurally complex interrelations among data typically arising in commercial applications. In general terms, semantic modeling complements work on knowledge representation (in artificial int ...

3 Converting relational to object-oriented databases

Joseph Fong

March 1997 **ACM SIGMOD Record**, Volume 26 Issue 1Full text available: [pdf\(38.15 KB\)](#)
 Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)